

12-11-01

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PTO/SB/05 (11-00)  
 Approved for use through 10/31/2002. OMB 0651-0032  
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | H0001822/76183.2200                          |
| First Inventor         | HAJI-SHEIKH, Michael J., et al.              |
| Title                  | MAGNETORESISTIVE SPEED AND DIRECTION SENSING |
| Express Mail Label No. | EL426887221US                                |

| APPLICATION ELEMENTS  | ADDRESS TO:   |
|---|---|
| See MPEP chapter 600 concerning utility patent application contents.  | Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, D.C. 20231  |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>         (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>         See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <input type="text" value="22"/>]<br/>         (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input type="text" value="11"/>]</p> <p>5. Oath or Declaration [Total Pages <input type="text" value="03"/>]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>         (for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>         Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |

## ACCOMPANYING APPLICATION PARTS

|  |   |
|--|---|
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))   |   |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)  | <input checked="" type="checkbox"/> Power of Attorney       |
| 11. <input type="checkbox"/> English Translation Document (if applicable)  |   |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449  | <input checked="" type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment   |   |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)                                     |   |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)   |   |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |   |
| 17. <input type="checkbox"/> Other:  |   |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

|   |                     |                                    |                |   |                |
|---|---------------------|------------------------------------|----------------|---|----------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |                     | <input type="text" value="20322"/> |                | or <input checked="" type="checkbox"/> Correspondence address below |                |
| (Insert Customer No. or Attach bar code label here)                   |                     |                                    |                |   |                |
| Name  | John H. Platt       |                                    |                |   |                |
|   | Snell & Wilmer, LLP |                                    |                |   |                |
| Address   | 400 East Van Buren  |                                    |                |   |                |
|   | One Arizona Center  |                                    |                |   |                |
| City  | Phoenix             | State                              | AZ             | Zip Code  | 85004-2202     |
| Country   | USA                 | Telephone                          | (602) 382-6367 | Fax   | (602) 382-6070 |

|                   |                      |                                   |         |
|-------------------|----------------------|-----------------------------------|---------|
| Name (Print/Type) | John H. Platt        | Registration No. (Attorney/Agent) | 47,863  |
| Signature         | <i>John H. Platt</i> | Date                              | 12-5-01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL  
For FY 2001**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** \$1,188.00**COMPLETE IF KNOWN**

|                      |                                |
|----------------------|--------------------------------|
| Application No.      | T.B.D.                         |
| Filing Date          |                                |
| First Named Inventor | Michael J. Haji-Sheikh, et al. |
| Group Art Unit       | T.B.D.                         |
| Examiner Name        | T.B.D.                         |
| Attorney Docket No.  | M10-01822 US/76183.2200        |

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-1125

Deposit Account Name Honeywell International Inc.

- ☒ Charge any Additional Fee Required Under 37 CFR §§1.16 & 1.17

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code | Large Entity Fee \$ | Small Entity Fee Code | Small Entity Fee \$ | Fee Description        | Fee Paid        |
|-----------------------|---------------------|-----------------------|---------------------|------------------------|-----------------|
| 101                   | 740                 | 201                   | 370                 | Utility Filing Fee     | 740             |
| 106                   | 330                 | 206                   | 165                 | Design Filing Fee      |                 |
| 107                   | 510                 | 207                   | 255                 | Plant Filing Fee       |                 |
| 108                   | 740                 | 208                   | 370                 | Reissue Filing Fee     |                 |
| 114                   | 180                 | 214                   | 80                  | Provisional Filing Fee |                 |
| <b>SUBTOTAL (1)</b>   |                     |                       |                     |                        | <b>\$740.00</b> |

**2. EXTRA CLAIM FEES**

| Total Claims              | Extra Claims | Fee from below | Fee Paid |
|---------------------------|--------------|----------------|----------|
| 38                        | 20           | 18             | 324      |
| 4                         | 3            | 1              | 84       |
| Multiple Dependent Claims | 0            | 280.00         | 0        |

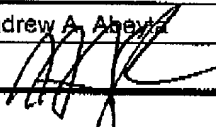
| Large Entity |        | Small Entity |        | Fee Description   |
|--------------|--------|--------------|--------|---|
| Fee Code     | Fee \$ | Fee Code     | Fee \$ |   |
| 109          | 18     | 209          | 9      | Claims in excess of 20                                  |
| 102          | 84     | 202          | 42     | Independent claims in excess of 3                       |
| 104          | 280    | 204          | 140    | Multiple dependent claim                                |
| 109          | 84     | 209          | 42     | Reissue independent claims over original patent         |
| 110          | 18     | 210          | 9      | Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) |        |              |        | \$408.00  |

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity Fee Code     | Large Entity Fee \$ | Small Entity Fee Code | Small Entity Fee \$ | Fee Description  | Fee Paid       |
|---------------------------|---------------------|-----------------------|---------------------|--|----------------|
| 105                       | 130                 | 205                   | 65                  | Surcharge - late filing fee or oath  |                |
| 127                       | 50                  | 227                   | 25                  | Surcharge - late provisional filing fee or cover sheet                     |                |
| 139                       | 130                 | 139                   | 130                 | Non-English specification  |                |
| 147                       | 2,520               | 147                   | 2,250               | For filing a request for ex parte reexamination                            |                |
| 112                       | 920*                | 112                   | 920*                | Requesting publication of SIR prior to Examiner action                     |                |
| 113                       | 1,840*              | 113                   | 1,840*              | Requesting publication of SIR after Examiner action                        |                |
| 115                       | 110                 | 215                   | 55                  | Extension for reply within first month                                     |                |
| 116                       | 400                 | 216                   | 200                 | Extension for reply within second month                                    |                |
| 117                       | 920                 | 217                   | 460                 | Extension for reply within third month                                     |                |
| 118                       | 1,440               | 218                   | 720                 | Extension for reply within fourth month                                    |                |
| 128                       | 1,960               | 228                   | 980                 | Extension for reply within fifth month                                     |                |
| 119                       | 320                 | 219                   | 160                 | Notice of Appeal   |                |
| 120                       | 320                 | 220                   | 160                 | Filing a brief in support of an appeal                                     |                |
| 121                       | 280                 | 221                   | 140                 | Request for oral hearing   |                |
| 138                       | 1,510               | 138                   | 1,150               | Petition to institute a public use proceeding                              |                |
| 140                       | 110                 | 240                   | 55                  | Petition to revive - unavoidable   |                |
| 141                       | 1,280               | 241                   | 840                 | Petition to revive - unintentional   |                |
| 142                       | 1,280               | 242                   | 840                 | Utility issue fee (or reissue)   |                |
| 143                       | 460                 | 243                   | 230                 | Design issue fee   |                |
| 144                       | 620                 | 244                   | 310                 | Plant issue fee  |                |
| 122                       | 130                 | 122                   | 130                 | Positions to the Commissioner  |                |
| 123                       | 50                  | 123                   | 50                  | Processing fee under 37 CFR 1.17(q)  |                |
| 126                       | 180                 | 126                   | 180                 | Submission of Information Disclosure Statement                             |                |
| 581                       | 40                  | 581                   | 40                  | Recording each patent assignment per property (times number of properties) | 40             |
| 148                       | 740                 | 248                   | 370                 | Filing a submission after final rejection (37 CFR 1.129(a))                |                |
| 149                       | 740                 | 249                   | 370                 | For each additional invention to be examined (37 CFR 1.129(b))             |                |
| 178                       | 740                 | 278                   | 370                 | Request for Continued Examination (RCE)                                    |                |
| 169                       | 900                 | 169                   | 900                 | Request for expedited examination of a design application                  |                |
| 195                       | 300                 | 195                   | 300                 | Publication fee  |                |
| Other fee (specify) _____ |                     |                       |                     |  |                |
| <b>SUBTOTAL (3)</b>       |                     |                       |                     |  | <b>\$40.00</b> |

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

|                     |   |                                   |        |  |
|---------------------|---|-----------------------------------|--------|--|
| Name (Print / Type) | Andrew A. Abeyta  | Registration No. (Attorney/Agent) | 39,582 | Complete (if applicable)                             |
| Signature           |  |                                   |        | Telephone 602-313-3345                               |
|                     |   |                                   |        | Date 11/13/01 (date signed)<br>12/5/01 (date mailed) |

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